

and modifications may be made without departing from the spirit of the invention or the scope of the appended claims.

What is claimed is:

*Sub B* 1. A hip joint socket for insertion into bone tissue, comprising an outer metal shell; and an inner antifriction liner removably fixed in the metal shell by means of a taper lock having a taper lock angle ( $\alpha$ ) angle of from  $10^\circ$  to  $25^\circ$ .

2. The hip joint socket of claim 1 wherein the angle ( $\alpha$ ) of the taper lock is about  $18^\circ$ .

10 3. The hip joint socket of claim 1 wherein the metal shell on the surface of contact with the antifriction liner is adapted with at least one recess disposed to enable removal of the antifriction liner.

15 4. The hip socket of claim 3 having two diametrically opposite disposed recesses.

5. The hip joint socket of claim 1 wherein the antifriction liner is made of ceramic.

*Add A1*